

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	59	("3477438"   "3638649"   "3660345"   "3671480"   "3713441"   "3805857"   "3826257"   "3853126"   "3955594"   "3957713"   "3998222"   "4162243"   "4181132").PN. OR ("4447237").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:15
L2	0	("2005/0010176").URPN.	USPAT	AND	ON	2006/09/12 12:18
L3	21	("0996588"   "3155110"   "3159176"   "3580273"   "3693651"   "3941149"   "4434810"   "4458711"   "4951701").PN. OR ("5249598").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:21
L4	134	("0584091"   "0996588"   "3572375"   "3645547"   "3710942").PN. OR ("4143853").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:21
L16	836	(604/246).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 12:35
L17	44	L16 and (coat\$4 or layer\$4) same valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:35
L19	116	("4000739"   "4430081"   "4493475"   "4610665"   "4673393"   "4809679"   "4857062").PN. OR ("5009391").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:44
L20	17	L19 and heparin	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:44
L21	0	L19 and heparin same coat\$4	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:45
L22	0	L19 and anticoagul\$6 same coat\$4	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:45
L23	134	("0584091"   "0996588"   "3572375"   "3645547"   "3710942").PN. OR ("4143853").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:45
L24	0	L23 and anticoagul\$6 same coat\$4	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:45
L25	76	nonthrombogenic same valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:51

## EAST Search History

L26	1438	Anticoagulant same valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:51
L27	85	Anticoagulant same valve same coat\$4	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:51
L28	24	(US-20050171510-\$ or US-20050171490-\$ or US-20050171489-\$ or US-20050171488-\$ or US-20050010176-\$).did. or (US-6306124-\$ or US-5396925-\$ or US-3674183-\$ or US-3669323-\$ or US-4447237-\$ or US-5009391-\$ or US-4559046-\$ or US-4215702-\$ or US-4549879-\$ or US-5249598-\$ or US-4143853-\$ or US-3477438-\$ or US-3955594-\$ or US-5453097-\$ or US-4610665-\$ or US-6610031-\$ or US-3846353-\$).did. or (US-3514438-\$).did. or (WO-9516480-\$).did.	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/09/12 13:19
L29	10	L28 and heparin	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 13:19
S2	836	(604/246).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 14:25
S3	592	(604/247).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 15:40
S4	445	(604/9).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 14:26
S5	392	(604/30).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 14:26

## EAST Search History

S6	149	(US-20050171489-\$ or US-20050171490-\$ or US-20050171510-\$ or US-20030217957-\$ or US-20030217961-\$ or US-20030217962-\$ or US-20030217964-\$ or US-20030217975-\$ or US-20030217976-\$ or US-20030218623-\$ or US-20030220598-\$ or US-20030220599-\$ or US-20030220605-\$ or US-20030220606-\$ or US-20030220607-\$ or US-20030220608-\$ or US-20030220609-\$ or US-20040010223-\$ or US-20050049555-\$ or US-20050171488-\$ or US-20050173344-\$ or US-20050209563-\$ or US-20060113249-\$ or US-20060113250-\$ or US-20060058731-\$ or US-20040019313-\$).did. or (US-20050267445-\$ or US-20010031222-\$ or US-20050027261-\$ or US-20050165364-\$ or US-20060184139-\$ or US-20020120227-\$ or US-20020187069-\$ or US-20030086794-\$ or US-20030204162-\$ or US-20030215334-\$ or US-20040044301-\$ or US-20040050789-\$ or US-20050118038-\$ or US-20050119597-\$).did. or (US-5542919-\$ or US-4311587-\$ or US-4586920-\$ or US-5421814-\$ or US-5611792-\$ or US-6245039-\$ or US-6764761-\$ or US-6814547-\$ or US-6869538-\$ or US-6929751-\$ or US-6939111-\$ or US-6953323-\$ or US-7033539-\$ or US-7083719-\$ or US-7087036-\$ or US-5006835-\$ or US-5941499-\$ or US-6402770-\$ or US-4340049-\$ or US-4386622-\$ or US-4560472-\$ or US-5496282-\$ or US-5713850-\$ or US-6398764-\$ or US-6443926-\$ or US-6758975-\$). did. or (US-4252651-\$ or US-4490134-\$ or US-4596550-\$ or US-5954691-\$ or US-6206851-\$ or	US-PGPUB; USPAT	AND	ON	2006/09/11 15:05
9/12/2006 3:11:38 PM		US-4412917-\$ or US-4796629-\$ or C:\Documents and Settings\psmith\My Documents\EAST\Workspaces\10768571_091106.wsp US-4925377-\$ or US-5209654-\$ or 11C-5205248-\$ or 11C-5609572-\$ or				Page 3

## EAST Search History

S7	17	(("4447237") or ("4692146") or ("5396925") or ("6152909") or ("6306124") or ("20050027261") or ("3159175") or ("3525357") or ("3669323") or ("3674183") or ("3811466") or ("5167638") or ("5205834") or ("6056717") or ("6210366") or ("2002121530")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 14:57
S8	0	S7 and nonthrombogenic	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:05
S9	2	S7 and heparin	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:05
S10	1	S6 and nonthrombogenic	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:06
S11	8	S6 and heparin	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:08
S12	3	S6 and hydrogel	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:08
S13	1	S6 and phosphorylcholine	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:09
S14	1	valve same slit same nonthrombogenic	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:26
S15	34	valve same slit same heparin	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:17
S16	6	valve same slit same hydrogel	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:10
S17	0	valve same slit same phosphorylcholine	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:10
S18	115	valve same slit same coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:20
S19	670	nonthrombogenic	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:21
S21	1	nonthrombogenic same valve same coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:21

## EAST Search History

S22	17	hydrogel same valve same coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:23
S23	26	coagulation same valve same coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:29
S24	5	dialysis and coagulation same valve same coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:26
S25	4	antithrombogenic same valve same coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:28
S26	140	623/1.43.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:28
S27	1	anticoagulation same valve same coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:38
S28	4	anti-coagulation same valve same coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:56
S29	0	dialysis and slit same valve same coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:32
S30	0	dialysis and slit same valve with coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:32
S31	21	slit same valve with coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:32
S32	11	anticoagulant same valve same coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:39
S33	59	("3477438"   "3638649"   "3660345"   "3671480"   "3713441"   "3805857"   "3826257"   "3853126"   "3955594"   "3957713"   "3998222"   "4162243"   "4181132").PN. OR ("4447237").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:48
S34	9	anti-coagulant same valve same coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:14
S35	0	S26 and slit near valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:58

## EAST Search History

S36	51	S26 and valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 15:59
S37	31	S3 and heparin	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:15
S38	35	S4 and heparin	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:09
S39	21	S5 and heparin	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:12
S40	836	(604/246).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 15:59
S41	41	S40 and heparin	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:13
S42	116	("4000739"   "4430081"   "4493475"   "4610665"   "4673393"   "4809679"   "4857062").PN. OR ("5009391").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:02
S43	78	("2393003"   "3020913"   "3128769"   "3885561"   "4434810"   "4475898").PN. OR ("4549879").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:11
S44	16	anti-coagulant same valve same layer	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:14
S45	43	anticoagulant same valve same layer	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:14
S46	22	S3 and anticoagulant	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:19
S47	17	S4 and anticoagulant	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:19
S48	0	dialysis and (slit near valve same anticoagul\$5 same (coat or layer))	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:20
S49	1	valve same slit same anticoagulant same (coat or layer)	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:26
S50	11	valve same slit same anticoagulant	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:27

## EAST Search History

S51	1	valve same slit same anticoagulant same coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:27
S52	0	valve same slit same anticoagulant same layer	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:27
S53	4	valve same slit same anticoagulant same coat\$4	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:27
S54	4	valve same slit same anticoagulant same layer\$4	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:33
S55	73	("2268321"   "2616429"   "3584624"   "4215703"   "4362163"   "4388076").PN. OR ("4559046").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:31
S56	21	slit same valve same presur\$4	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:33
S57	643	604/265.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:42
S58	3	(("4143853") or ("5533708") or ("5249598")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 16:42
S59	134	("0584091"   "0996588"   "3572375"   "3645547"   "3710942").PN. OR ("4143853").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:54
S60	207	S57 and coat	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:54
S61	1766919	S57 and coat or layer	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:54
S62	429	S57 and (coat or layer)	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 16:54
S63	28	S57 and (coat or layer) same valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 17:10
S64	25	S3 and (coat or layer) same valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 17:07
S65	32	S4 and (coat or layer) same valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 17:09

## EAST Search History

S66	10	S5 and (coat or layer) same valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 17:09
S67	62	S57 and (coat\$4 or layer\$4) same valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 17:13
S68	48	S3 and (coat\$4 or layer\$4) same valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/12 12:35
S69	44	S40 and (coat\$4 or layer\$4) same valve	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/11 17:27
S70	2	(("3669323") or ("3674183")).PN.	US-PGPUB; USPAT	OR	OFF	2006/09/11 17:32
S71	1	wo-9516480-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/09/11 17:33